

Applic. No. 10/823,227
Amdt. dated November 8, 2007
Reply to Office action of August 8, 2007

Specification Amendments

Replace the paragraph between page 6, line 20 and page 7, line 21 with the following:

-- With the foregoing and other objects in view, there is provided, in accordance with the invention, diaphragm pump for delivering liquid reducing agent to an exhaust-gas aftertreatment installation of an internal combustion engine, including a pump casing having a base and defining an inlet passage and an outlet passage, a central support body disposed in the casing, a spring disposed in the casing and imparting a force against the central support body, a pump diaphragm disposed in the casing to define a reducing agent chamber thereabove with respect to the base and having two limit positions, a first side secured to the pump casing, and a second side secured to the central support body, an electromagnet disposed at the base and operatively connected to the pump diaphragm to move the pump diaphragm to and fro with respect to the central support body between the limit positions counter to the force of the spring upon actuation of the electromagnet, a non-return inlet valve fluidically connected to the inlet passage for supplying reducing agent to the reducing agent chamber, a non-return outlet valve

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fluidically connected to the outlet passage for discharging the reducing agent, and a pressure sensor connected to the pump casing and having a pressure sensor diaphragm, the pressure sensor diaphragm ~~reecording~~ sensing a pressure of the reducing agent in the pump casing above the pump diaphragm and being disposed to have the pump diaphragm absorb an increase in volume of the reducing agent when the reducing agent freezes inside the reducing agent chamber by the pump diaphragm deviating counter to the force of the spring.--